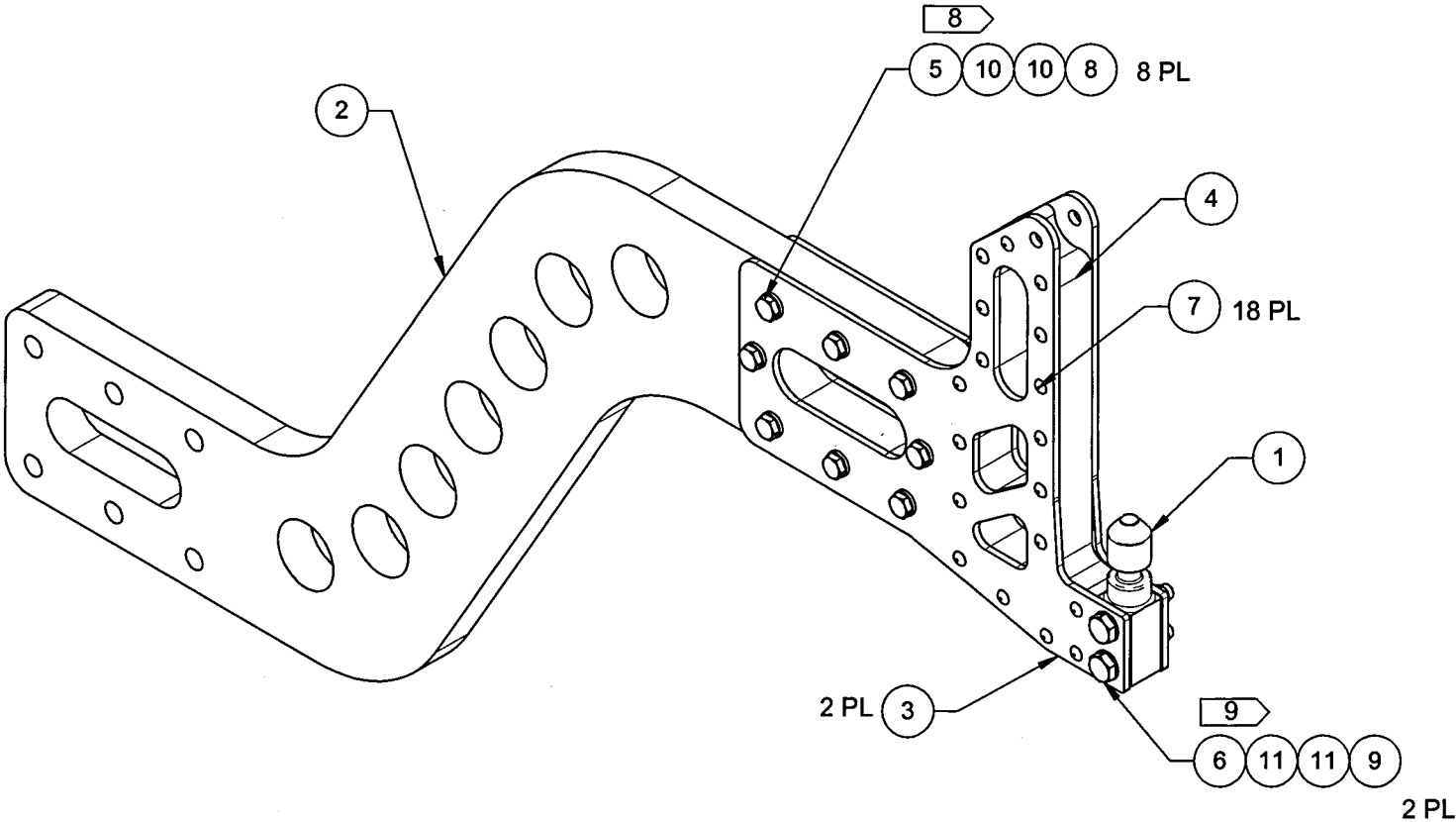


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5550-041	FWD OUTBOARD BEAM ASSEMBLY
1	1	D4149-5	EYEBOLT STUD
2	1	D5550-1	FWD OUTBOARD BEAM
3	2	D5551-1	FWD SUPPORT PLATE
4	1	D5552-1	SPACER
5	8	AN3C13A	BOLT
6	2	AN4C13A	BOLT
7	18	MS20615-4M(18)	RIVET, SOLID, PAN-HEAD
8	8	MS21043-3	NUT, SELF-LOCKING
9	2	MS21043-4	NUT, SELF-LOCKING
10	16	NAS1149C0363R	WASHER
11	4	NAS1149C0432R	WASHER



**D5550-041 FWD OUTBOARD BEAM ASSEMBLY**

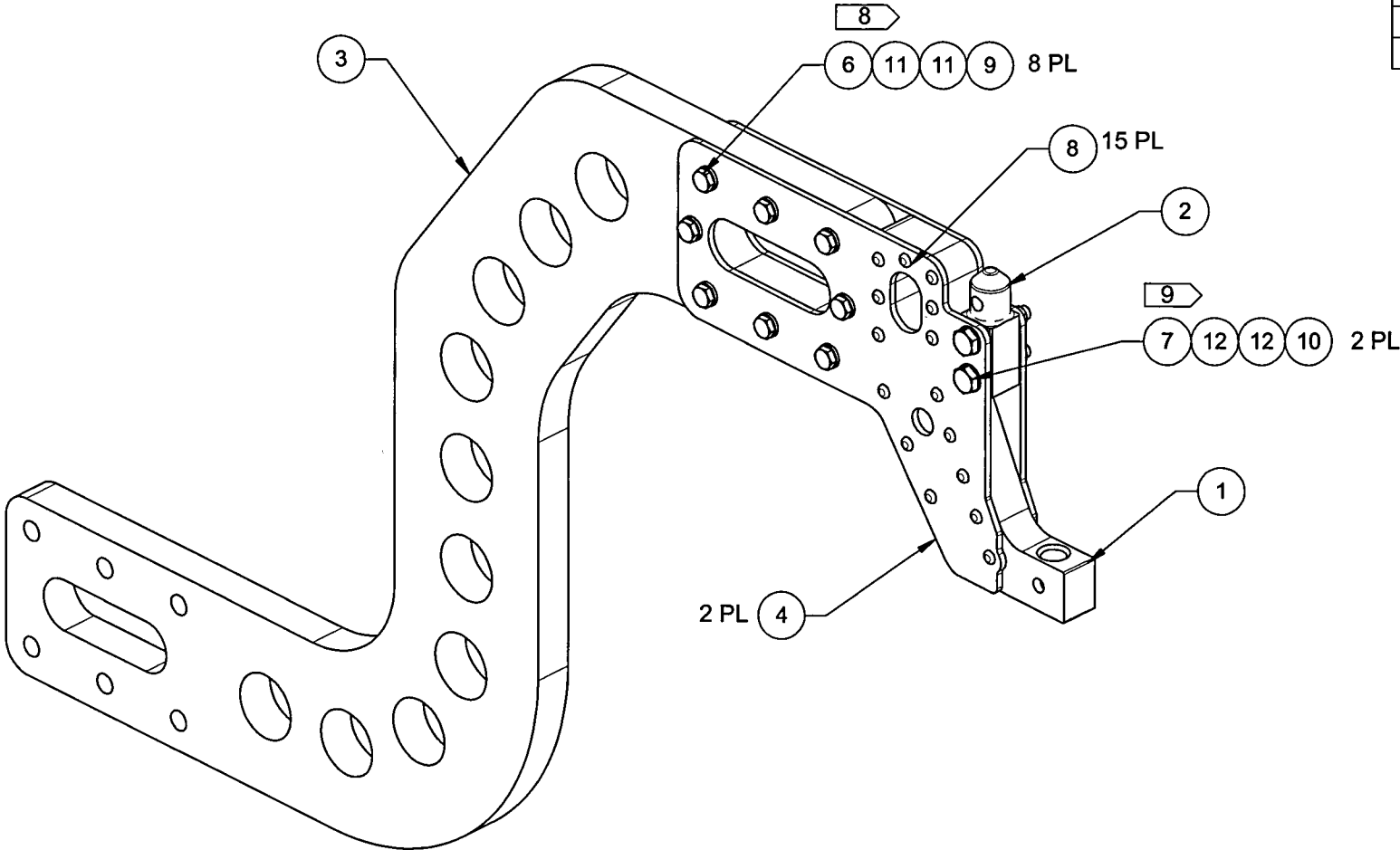
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 8.92 lbs
  - 8) TORQUE MS21043-3 NUT TO 20-25 IN-LBS
  - 9) TORQUE MS21043-4 NUT TO 50-70 IN-LBS

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2018-01-08  
EN 17-793

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A	NEW ISSUE	RF	17.07.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. EUGENE, OR	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5550	SHEET 1 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	FWD/AFT OUTBRD BEAM ASSY	NTS
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ITEM	QTY -043	P/N	DESCRIPTION
	X	D5550-043	AFT OUTBOARD BEAM ASSEMBLY
1	1	D4148-3	STUD RECEIVER LOWER
2	1	D4148-5	EYEBOLT STUD
3	1	D5550-3	AFT OUTBOARD BEAM
4	2	D5551-3	AFT SUPPORT PLATE
5	1	D5552-3	SPACER
6	8	AN3C13A	BOLT
7	2	AN4C13A	BOLT
8	15	MS20615-4M(18)	RIVET, SOLID, PAN-HEAD
9	8	MS21043-3	NUT, SELF-LOCKING
10	2	MS21043-4	NUT, SELF-LOCKING
11	16	NAS1149C0363R	WASHER
12	4	NAS1149C0432R	WASHER



D5550-043 AFT OUTBOARD BEAM ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 10.65 lbs
  - 8) TORQUE MS21043-3 NUT TO 20-25 IN-LBS
  - 9) TORQUE MS21043-4 NUT TO 50-70 IN-LBS

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2018-01-08

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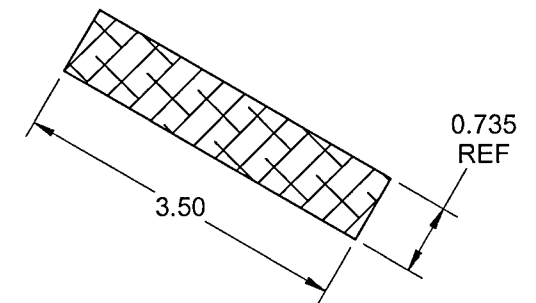
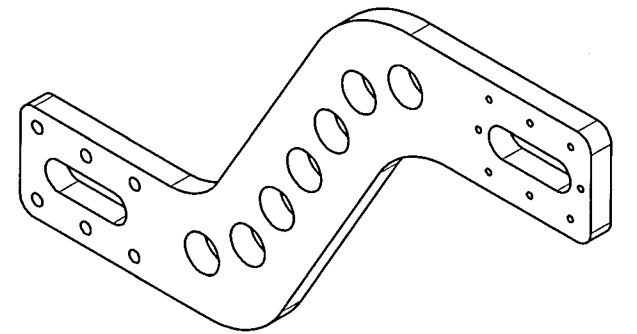
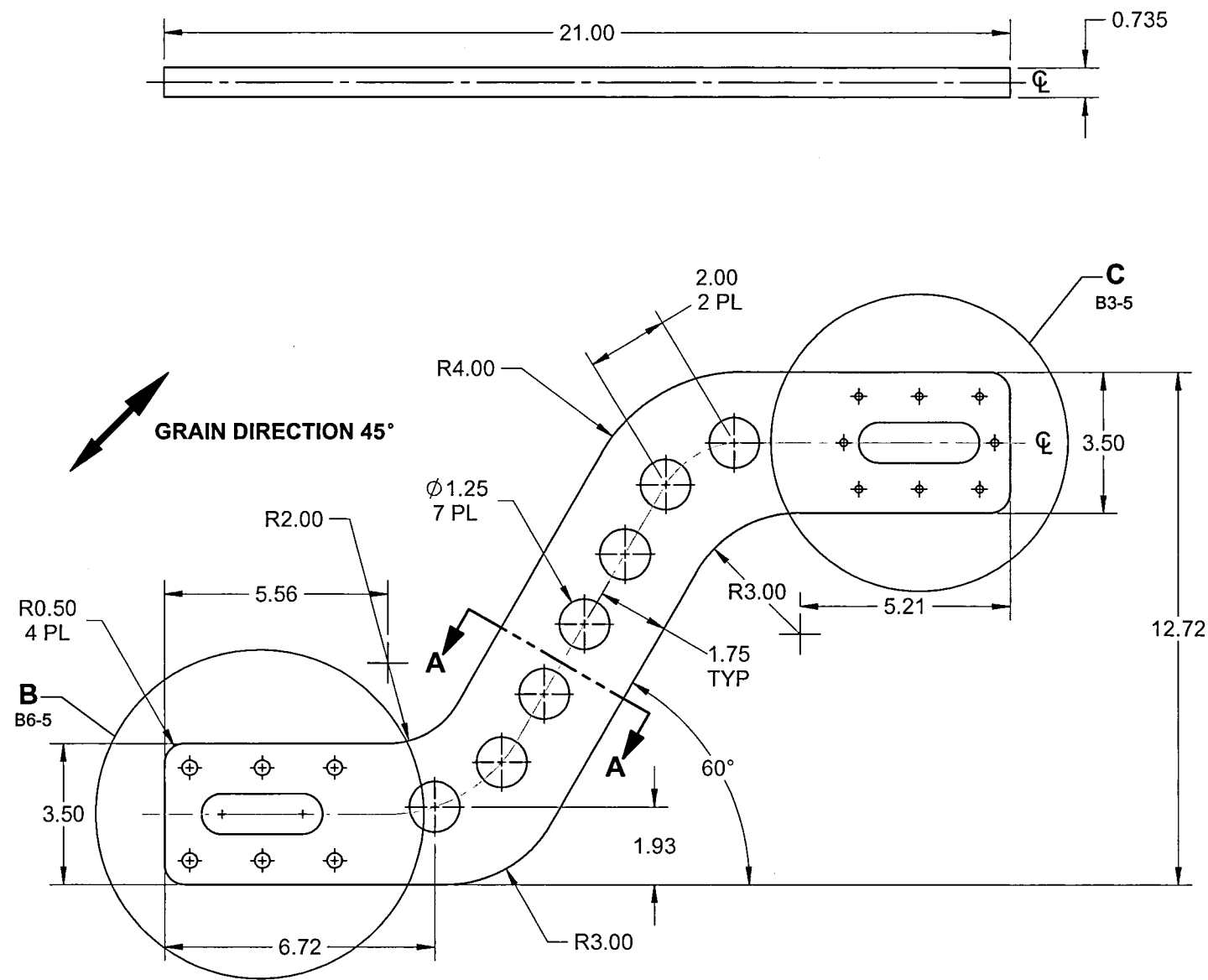
DESIGN	RF	DART AEROSPACE USA, INC. EUGENE, OR	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5550	SHEET 2 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	FWD/AFT OUTBRD BEAM ASSYNTS	
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D

C

B

A



**SECTION A-A**

**NOTES:**

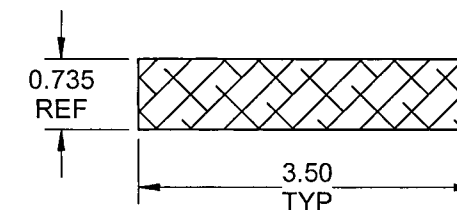
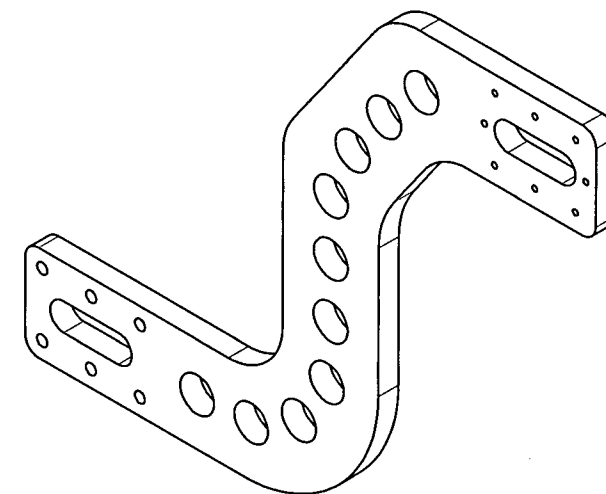
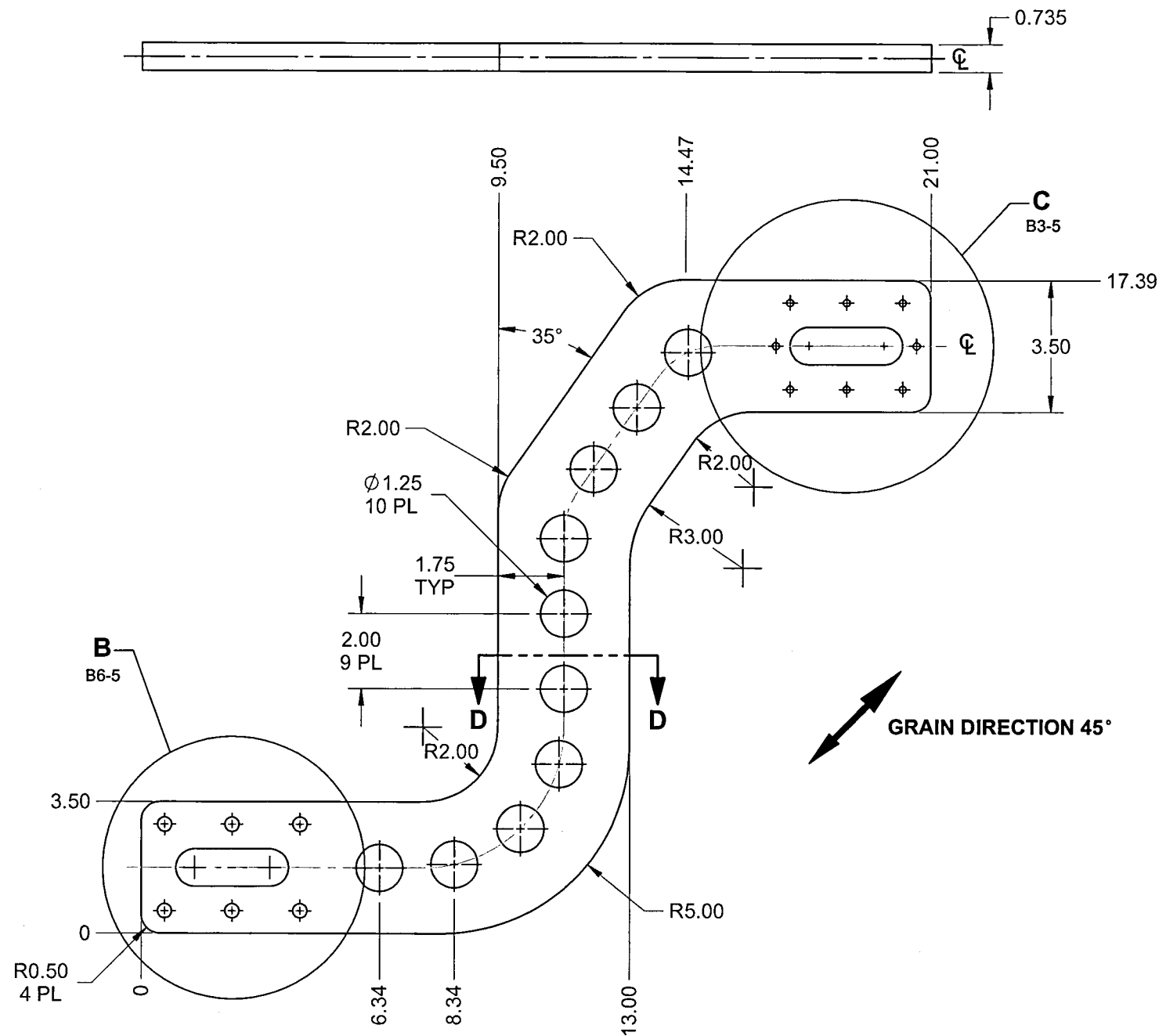
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
OR 6061-T6/T62 ALUMINUM SHEET  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC M6061T6B OR M6061T6S
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 5.46 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5550-1 REV. A.SLDPRT

**D5550-1 FWD OUTBOARD BEAM**

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2018-01-08

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DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
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CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	RQ	<b>D5550</b>	SHEET 3 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>FWD/AFT OUTBRD BEAM ASSY</b>	<b>NTS</b>
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**SECTION D-D**

**NOTES:**

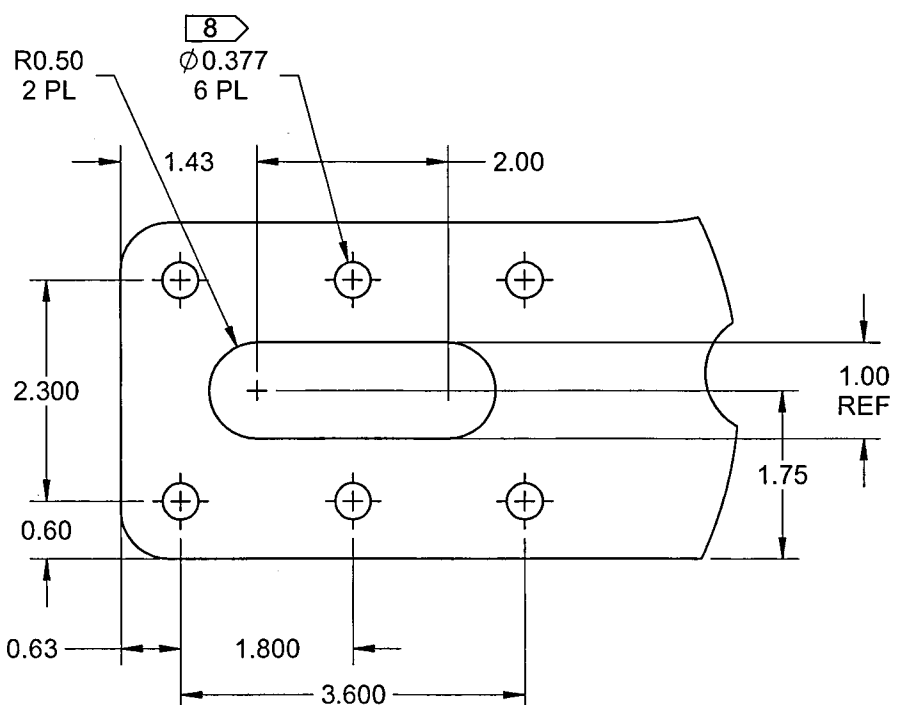
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
OR 6061-T6/T62 ALUMINUM SHEET  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC M6061T6B OR M6061T6S
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 6.55 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5550-3 REV. A.SLDPRT

**D5550-3 AFT OUTBOARD BEAM**

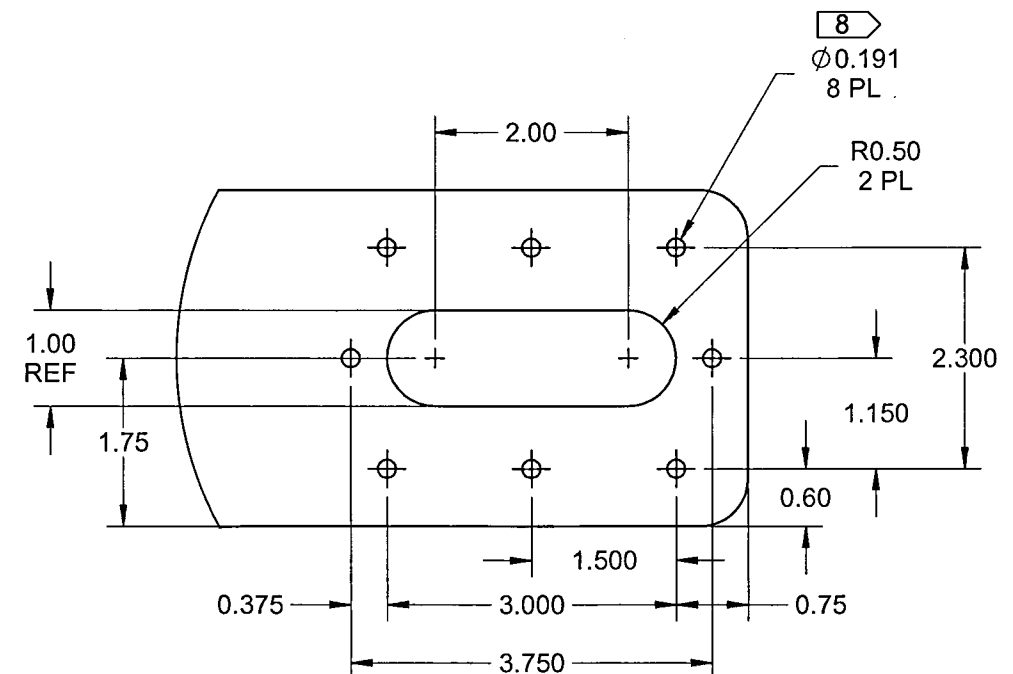
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CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	RQ	<b>D5550</b>	SHEET 4 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>FWD/AFT OUTBRD BEAM ASSY</b>	<b>NTS</b>
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**DETAIL B**  
C7-3  
C7-4



**DETAIL C**  
C4-3  
C4-4

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2018-01-08

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DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	EUGENE, OR	
CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5550	SHEET 5 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	FWD/AFT OUTBRD BEAM ASSY	NTS
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